

INTERNATIONAL SEARCH REPORT

Application No
PCT/NL2004/000192

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65G39/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65G F16B F16C F16M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 241 558 A (MURPHY JAMES) 4 September 1991 (1991-09-04) page 10, line 20 - page 11, line 17; figures	1
A	US 2002/060139 A1 (SCHIESSER RICARDO N ET AL) 23 May 2002 (2002-05-23) abstract; claims; figures	1
A	US 4 408 835 A (DEPREZ MICHEL ET AL) 11 October 1983 (1983-10-11) abstract; figures	1
A	DE 41 09 374 C (RITTAL-WERK RUDOLF LOH GMBH) 10 September 1992 (1992-09-10) abstract; figures	1,2

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

7 July 2004

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16/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3018

Authorized officer

Schneider, M

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 2241558	A	04-09-1991	IE	892077 A1		02-01-1991
US 2002060139	A1	23-05-2002	US	6367617 B1		09-04-2002
			AU	1025301 A		23-04-2001
			BR	0014739 A		11-06-2002
			CA	2387475 A1		19-04-2001
			WO	0127004 A1		19-04-2001
			EP	1222125 A1		17-07-2002
			JP	2003517406 T		27-05-2003
US 4408835	A	11-10-1983	FR	2497371 A1		02-07-1982
			DE	3170058 D1		23-05-1985
			EP	0055662 A1		07-07-1982
DE 4109374	C	10-09-1992	DE	4109374 C1		10-09-1992
			FR	2674296 A1		25-09-1992
			GB	2254106 A ,B		30-09-1992